



The Premier Multimedia Notebook PC.

Full-Featured Multimedia notebook

The VAIO® A Digital Studio Notebook and optional A/V Entertainment Dock take mobile A/V capabilities to a whole new level. Watch and record high-quality TV. Convert VHS and 8mm videos into professional-quality DVDs. Capture and edit high-definition camcorder video. Fully equipped to handle all of your A/V entertainment demands.

High-Quality TV On Your Schedule

Watch and record all of your favorite shows with Sony's Giga Pocket® engine available on the optional A/V Dock. Record your shows to DVD and create a digital library for personal viewing at your convenience with Click to DVD™ software and the optional DVD+R Double Layer/ DVD±RW drive⁴.

Next-Generation Technology

Ready to meet your growing A/V entertainment demands. Whether you're turning your analog content into digital video, or editing and converting your high-definition camcorder video, you have the tools you need. And, with the optional DVD+R Double Layer/ DVD±RW drive, you can burn up to 8.5GB of data, music or digital photos - or up to 4 hours of MPEG-2 video - on one Double Layer DVD disc⁴.

A Superior Viewing Experience

A powerful blend of Sony original technologies deliver an exceptional viewing experience. The 17" WUXGA or WXGA+ LCD with XBRITE™ technology brings movies to life with crisp images and vivid colors. Smart Display Sensor automatically adjusts to an optimal resolution when connecting to a compatible display or projector.

VGN-A600/ A600P CTO

Sony® VAIO® Digital Studio PC

The Sony® VAIO® A Series Digital Studio PC is a premier notebook, designed to offer the cutting edge of technology and performance with incomparable style. Optional AV capabilities include premium speakers & entertainment dock with a TV tuner and personal video recorder.

Model

VGN-A600/A600P CTO

HARDWARE

Processor (Configurable)

- Intel® Pentium® M Processor 770 (2.13GHz¹, 2MB L2 Cache)
- Intel® Pentium® M Processor 760 (2GHz¹, 2MB L2 Cache)
- Intel® Pentium® M Processor 750 (1.86GHz¹, 2MB L2 Cache)
- Intel® Pentium® M Processor 740 (1.73GHz¹, 2MB L2 Cache)
- Intel® Pentium® M Processor 730 (1.60GHz¹, 2MB L2 Cache)
- Intel® Celeron® Processor 360 (1.40GHz¹, 2MB L2 Cache)

Front Side Bus Speed

533MHz

Chipset

Intel® 915PM

Bluetooth® (Configurable)

Bluetooth® technology⁹ or none

Integrated Wireless LAN (Configurable)

- Intel® PRO/Wireless 2915ABG Network Connection (802.11a/b/g)³ or
- Intel® PRO/Wireless 2200BG Network Connection (802.11b/g)³

LCD (Configurable)

- 17" WUXGA (1920x1200) with XBRITE™ technology and ErgoBright™ technology
- or 17" WXGA (1440x900) with XBRITE™ technology and ErgoBright™ technology

Hard Drive (Configurable)

- 100GB² (5400rpm), 80GB² (5400rpm), 60GB² (5400rpm), 40GB² (5400rpm)

Memory (Configurable)

- 2GB PC-4200 400MHz DDRW2 (1GB x 2)
- 1GB PC-4200 400MHz DDRW2 (512MB x 2)
- 512MB PC-4200 400MHz DDRW2 (512MB x 1)
- 512MB PC-4200 400MHz DDRW2 (256MB x 2)
- 256MB PC-4200 400MHz DDRW2 (256MB x 1) (Expandable to 2GB)

Graphics

ATI Mobility™ Radeon® X600

128MB DDR SDRAM

Graphics Interface

VGA out w/ Smart Display Sensor

Video Interface

A/V mini jack

Optical Drive (Configurable)

DVD+R Double Layer/ DVD±RW Drive⁴
Double Layer +R

DVD+R Write (2.4x MAX)

DVD±RW⁴

-RW

DVD-R Write (8x MAX); DVD-RW Write (4x MAX)

+RW

DVD+R Write (8x MAX); DVD+RW Write (4x MAX)

CD-RW

CD-R Write (24x MAX); CD-RW Write (24x MAX)

CD-RW/ DVD-ROM Drive

CD-RW

CD-R Write (24x MAX); CD-RW Write (24x MAX)

DVD ROM

DVD Read (8x MAX); CD Read (24x MAX)

Modem

Integrated V.90 Modem with RJ-11 interface

Ethernet

10BASE-T/100BASE-TX/1000

BASE-T Ethernet with RJ-45 interface

Audio

Windows® sound system compatible,

Built-in stereo speakers

Audio Interface

Monaural mini microphone jack,

Headphone jack

Memory Stick® Media Slot

Supports optional Memory Stick,

Memory Stick PRO™ and Memory

Stick DUO™ media⁵

PC Card Slots

One PCMCIA - Type II/Type I card slot

with CardBus support

Other Interfaces

i.LINK® connector(IEEE 1394)⁶, 3 USB

2.0 ports, port replicator connector

Pointing Device

Electro-Static touch pad

Keyboard

QWERTY, 86 keys with 3mm stroke

and 19.05mm pitch

Action Buttons

Power On, S1 (programmable), Magnify

Screen, Brightness, Volume(+),

Volume(-), Mute, Wireless LAN on/off

Power Requirements

135W+10%

Battery

Lithium-ion Battery (PCGA-BP2EA)

Estimated Battery Life

Standard Battery: 1.0 - 2.5 hours⁷

Weight

8.8 lbs. with standard battery

(weight is approximate & may vary)

Size (W x H x D)

16" x 1.7"-1.8" x 11"

Supplied Accessories

Standard battery, power cord & AC Adapter

Configurable Accessories

AV Entertainment Dock with S-Master™

Digital Amplifier, Four USB 2.0 ports,

Monitor (VGA) port, VHF/UHF TV port,

Printer port DC in, S-Video in/out, DVI-D,

RJ-45 Ethernet, Optical out, Line in (RCA

Pin), Line out (RCA Pin), Giga Pocket®

MPEG2 realtime encoder/decoder board

with TV Tuner

Speakers(2) & Remote Control

Wireless Mouse (PCGA-WMS5/S)

Optional Accessories

Additional Battery (PCGA-BP2EA)

AC Adapter for use with the AV

Entertainment Dock (PCGA-AC19V7)

AC Adapter for use with port replicator or

stand-alone notebook (VGP-AC19V10)

Port Replicator (VGP-PRAT1)

Visual Communication Camera

(PCGA-UVC11A)

USB Mobile Mouse- Black/ Silver

(PCGA-UMS3/B/S)

Wireless Keyboard and Mouse

(VGP-WKB1)

Memory Card Adapter (VGP-MCA10)¹⁰

512MB memory expansion module

(VGP-MM512L)

Universal Carrying Case (VGP-AMB1)

Sport Backpack (VGP-AMB2)

Neoprene Notebook & AC Adapter

(VGP-AMC2)

External Floppy Disk Drive (VGP-UF1)

SOFTWARE

Operating System (Configurable)

Microsoft® Windows® XP Home with

Service Pack 2 or Microsoft® Windows® XP

Professional with Service Pack 2

Sony Original Software

VAIO Zone™ with WinDVD™

VAIO Zone™ Personal Video Recorder

Component (only available on AV

Entertainment Dock option)

Click to DVD™ - DVD Creation (only avail-

able with DVD±RW drive option)

DVGate Plus™ - Digital Video

SonicStage™ - Digital Music

PictureGear Studio™ - Digital Photo

VAIO Media™ - Network File Sharing

Intuit Quicken® 2005 New User Edition

(previous Quicken users may require

additional upgrade)

InterVideo® WinDVD®

Microsoft® Works 8.0

Sonic RecordNow!® 7 (only available with DVD±RW drive option)

Optional Software

Adobe® Photoshop® Elements

Adobe® Photoshop® Album Starter Edition

Adobe® Premiere Standard or Professional

Edition¹¹

Microsoft® Office 2003 60-Day Trial

(Student/Teacher Edition) - only available

on models with XP Home

Microsoft® Office 2003 60-Day Trial

(Small Business Edition) - only available

on models with XP Professional

Microsoft® Office 2003 (Basic, Small

Business, or Professional Edition)

Sony® SonicStage® Mastering Studio -

Audio Mastering & Remastering

Anti-Virus & Recovery Software

Norton® Internet Security™ 90-Day

Subscription

Intermute™ SpySubtract™ 30-Day Trial

VAIO® Update software

VAIO® Recovery Wizard software

VAIO® Help and Support software

Internet Services

AOL Online™ 90-Day Trial - New Users

Only

SERVICE AND WARRANTY INFORMATION

Limited Warranty

1 Year Limited Warranty¹²

Telephone Support

1 year toll-free technical telephone

assistance, available 24/7¹³

On-line and Email Support

Support available from

<http://www.sony.com/pcsupport>

1. GHz denotes microprocessor internal clock speed; other factors may affect application performance. CPU

speed will be reduced under certain operating conditions.

2. GB means one billion bytes when referring to hard

drive capacity. Accessible capacity may vary. A portion of

hard disk space is reserved as a recovery partition.

3. Requires compatible wireless LAN access point, sold

separately. Internet connection may require fees.

4. DVD Media/Formats are not universally compatible.

5. Supports Memory Stick PRO™ high-capacity media test-

ed up to 1GB. Does not support MagicGate™ functionality.

6. i.LINK is a trademark of Sony used only to designate

that a product contains an IEEE 1394 connector. All

products with an i.LINK connector may not communicate

with each other.

7. Estimated battery life. Actual battery life may vary on

usage.

8. AV Entertainment Dock Option only available at time of purchase.

9. Interoperability among Bluetooth devices varies. Please

see website for compatibility details.

10. Does not support MemoryStick media and Memory

Stick PRO™ media using the MagicGate function or high-

speed data transfer. Supports memory cards with capacities

up to 1GB. Does not support 5.0V SmartMedia media or the

ID function of SmartMedia media with IDs. Does not support

the SD Memory Card media copyright protection function.

11. Not all features supported.

12. See actual Limited Warranty for details. For a copy of

Sony's warranty, please visit www.sony.com/pcsupport, call

toll-free 888-476-6972 (888-4SONYPC), or write to Sony

Electronics, 12451 Gateway Boulevard, Fort Myers, FL

33913.

13. For certain third party software applications, Sony

provides first level Phone Support. Additional telephone support

may be available from the applicable 3rd party vendor.

Availability and schedule for any such support is determined

by the applicable software vendor.

Computer Interface: The computer industry lacks standards,

and therefore, there are a multitude of varying software

packages and add-on hardware options. This personal com-

puter is not manufactured to operate any specific software,

and Sony does not and cannot make any warranty or repre-

sentation with respect to the performance of this product

with any particular software packages and/or non-Sony add-

on hardware options except those mentioned in this docu-

ment. Sony hereby disclaims any representations or warren-

ty that this product is compatible with any combination of

products you may choose to connect. While Sony representa-

tives or Sony authorized dealers may be able to assist you

and may make recommendations, they are NOT authorized

to vary or waive this disclaimer. Purchasers must determine

for themselves the suitability and compatibility of the hard-

ware and software in each and every particular instance.

Software titles pre-installed on the Sony Notebook

Computer are subject to change without notice. Simulated

graphic shown on display. Preinstalled software may not be

identical to retail versions or have all documentation. This

product meets the standards of the International Energy Star

Program for energy efficiency. Features and specifications

are subject to change without notice. Non-metric weights

and measurements are approximate.

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